

## REMARKS

Reconsideration is respectfully requested in view of the foregoing amendments and the following remarks.

Claims 1 and 2 have been canceled. Independent claim 8, which recites the subject matter of claims 1 and 2 in independent form, has been amended to more clearly recite the subject matter of the invention by defining the contour as being defined by opposing, outer sides of the block and being an engaging contour, and the channel as engaging this engaging contour. Support for this amendment is found in the specification at page 3, paragraphs 14 and 15. Claims 3-7 have been amended to depend from claim 8.

Claim 9 has been added to provide an independent claim of different scope. Claim 9 defines a device for mounting a monitoring package on a tire surface, comprising a planar patch having a first surface conditioned for bonding to an inner liner of a tire and second surface oppositely disposed, a block disposed on the second surface and upstanding therefrom, the block having two opposing upstanding outer sides which mutually diverge to define an engaging contour, and, a package for containing tire monitoring devices, the package having a channel with a complementary contour for slidable engagement with the engaging contour in a direction parallel to the planar patch, wherein the engaging contour prevents movement perpendicular to the planar patch.

The invention is a device for mounting an electronics package to a tire. The device includes a planar patch having a first surface conditioned for bonding to an inner liner of a tire and second surface oppositely disposed, with a block disposed on the second surface and upstanding therefrom. The block has two opposing sides which mutually diverge to define an engaging contour, and a package for containing tire monitoring devices. The package has a channel with a complementary contour for slidable engagement with the engaging contour.

In the Office Action, claims 1, 2 and 8 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,443,198 to Koch et al. The Koch patent describes a patch having a recess defined by upstanding walls. An electronics package is mounted to the patch by fitting it inside the recess. The package is adhered in the recess by an adhesive. Column 5, lines 36-50. There is no channel formed in the package. The

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exterior surface of the package contacts the inner surface of the recess, as may be seen in the figures.

The Koch patent does not disclose or suggest opposite outer sides of a block which diverge to form an engaging contour. Nor does the Koch patent does disclose or suggest a channel of an electronics package that engages an engaging contour. The inner walls of the recess do not mutually diverge, nor is there a channel on the electronics package to engage a contour.

The Examiner points to the outer surface of the recess walls of the Koch patch as disclosing a contour. The outer surface of the walls do not engage or contact the electronics package. These surfaces are curved to provide additional material in the walls for lateral support. This neither discloses or suggests the block or the engaging contour of the block as claimed.

Claims 3-7 were rejected under 35 U.S.C. § 103(a) as being unpatentable over the Koch patent in view of U.S. Patent No. 6,030,478 to Koch et al. The '478 patent discloses essentially the same device as Koch '198, with the addition of screw threads being formed on the mating surfaces of the package and recess walls in one embodiment (Fig. 8), and tabs and slots on the mating surfaces on another (Fig. 9).

Neither the shape of the recess walls in the Koch '198 patent, which are for lateral support of the walls, nor screw threads or tabs and slots in Koch '478, discloses or suggests the contour shapes recited in claims 3 to 6.

For at least these reasons, claims 8 and 3-6 are patentable over the cited art.

Claim 7 is allowable at least as depending from an allowable base claim.

Claim 9 defines the sides of the block which form the engaging contour as being upstanding and outer sides of the block. Further, claim 9 defines the channel as having sliding movement parallel to the planar patch and the engaging contour as preventing movement perpendicular to the planar patch. The Koch patent does not define a package that engages an engaging contour by sliding movement parallel to a patch for preventing movement perpendicular to the patch.

Claim 9 is allowable for at least these reasons.

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For at least the foregoing reasons, the Examiner is requested to withdraw the rejection of claims 3-8, and allow pending claims 3-9.

The Examiner is invited to telephone the undersigned if there are any questions or to resolve any outstanding issues.

Respectfully submitted,



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Version Showing Changes to Claims

8. (Amended) A device for mounting a monitoring package on a tire surface, comprising:

a planar patch having a first surface conditioned for bonding to an inner liner of a tire and second surface oppositely disposed;

a block disposed on the second surface and upstanding therefrom, the block having two opposing outer sides which mutually diverge to define [a] an engaging contour; and,

a package for containing tire monitoring devices, the package having a channel with a complementary contour for slidable engagement with the [two opposing sides of the block] engaging contour.

3. (Amended) The device as claimed in claim [1] 8, wherein the two opposing sides define a trapezoidal cross section.

4. (Amended) The device as claimed in claim [1] 8, wherein the two opposing sides are convex.

5. (Amended) The device as claimed in claim [1] 8, wherein the two opposing sides are concave.

6. (Amended) The device as claimed in claim [1] 8, wherein the two opposing sides define a T-shaped profile with an upper surface of the block.

7. (Amended) The device as claimed in claim [1] 8, further comprising detent means for engaging a monitoring package to prevent relative sliding movement.

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- 9. A device for mounting a monitoring package on a tire surface, comprising:
- a planar patch having a first surface conditioned for bonding to an inner liner of a tire and second surface oppositely disposed;
  - a block disposed on the second surface and upstanding therefrom, the block having two opposing upstanding outer sides which mutually diverge to define an engaging contour; and,
  - a package for containing tire monitoring devices, the package having a channel with a complementary contour for slidable engagement with the engaging contour in a direction parallel to the planar patch, wherein the engaging contour prevents movement perpendicular to the planar patch.--

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